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Attorney Docket No. YO998-522

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**Patent Application**

Applicant(s): L.D. Comerford et al.  
Docket No.: YO998-522  
Serial No.: 09/460,913  
Filing Date: December 14, 1999  
Group: 2641  
Examiner: Abul K. Azad

I hereby certify that this paper is being deposited on this date with the U.S. Postal Service as first class mail addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Signature: Laura M. Harkin Date: March 7, 2002

Title: Methods and Apparatus for Contingent Transfer  
and Execution of Spoken Language Interfaces

TRANSMITTAL OF FORMAL DRAWINGS

Assistant Commissioner for Patents  
Washington, D.C. 20231

Attention: Official Draftsperson

Sir:

Applicants submit herewith fifteen (15) sheets of formal drawings in the above-referenced patent application.

Respectfully submitted,

Date: March 7, 2002

Wayne L. Ellenbogen  
Attorney for Applicant(s)  
Reg. No. 43,602  
Ryan, Mason & Lewis, LLP  
90 Forest Avenue  
Locust Valley, NY 11560  
(516) 759-7662

FIG. 1

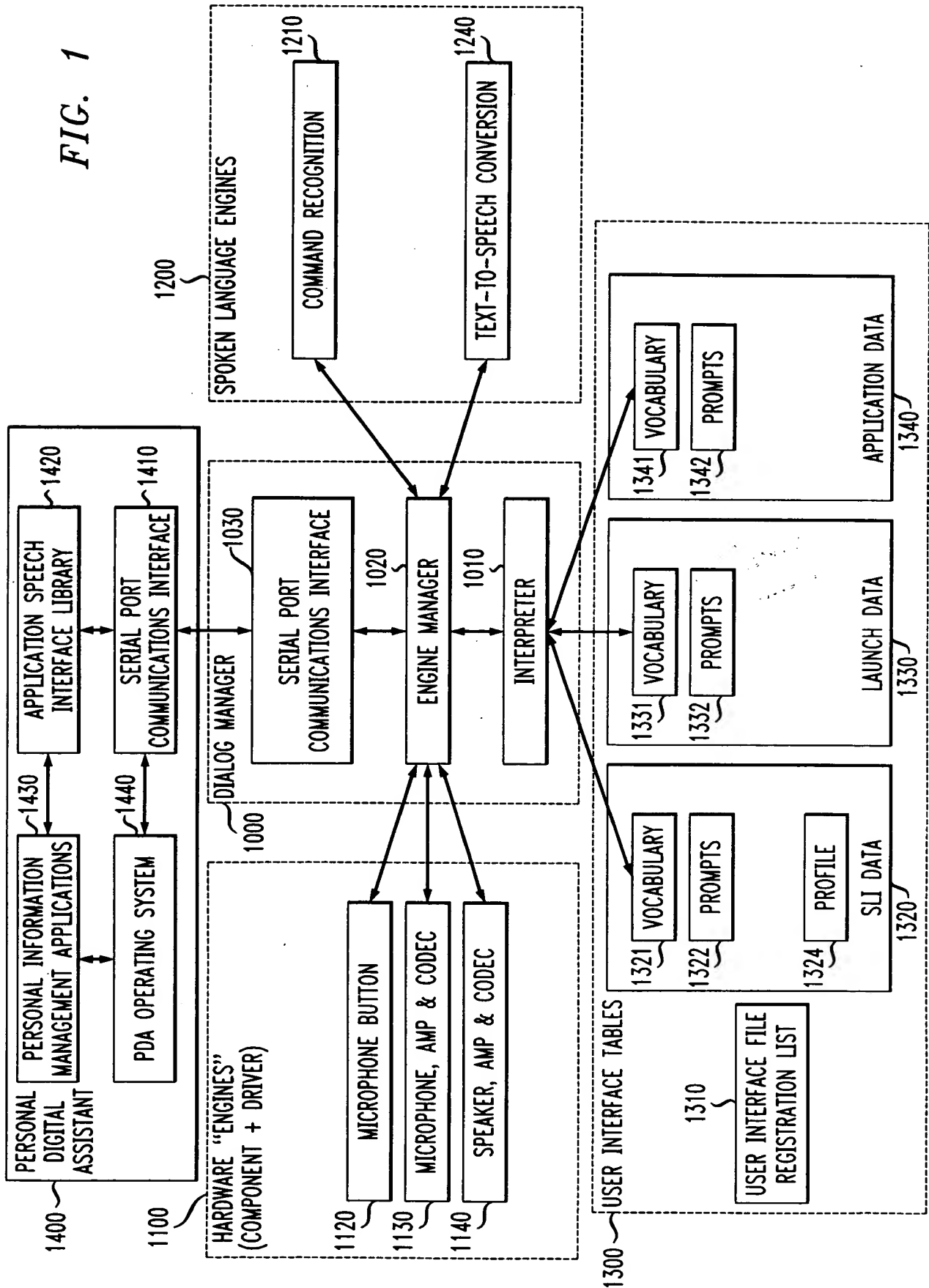


FIG. 2

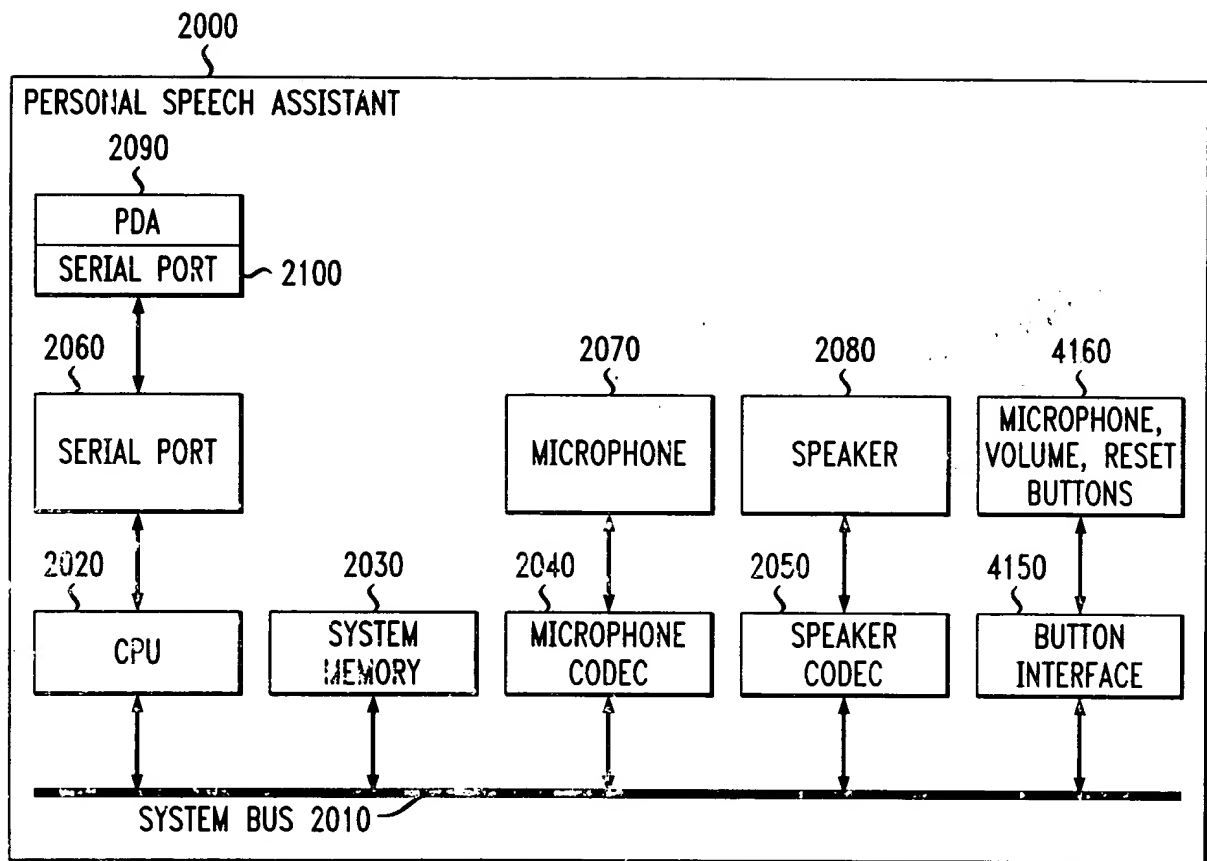


FIG. 3

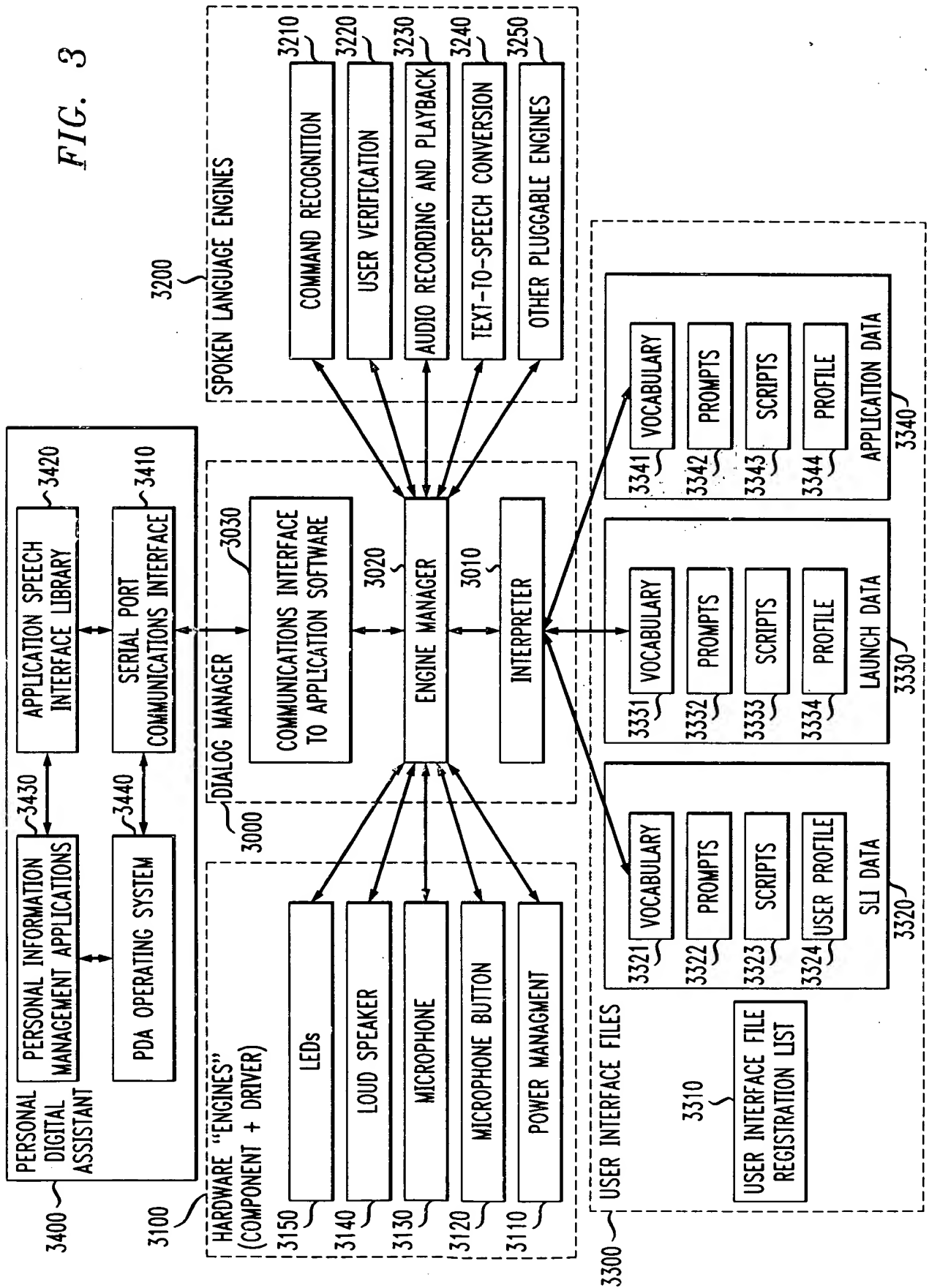
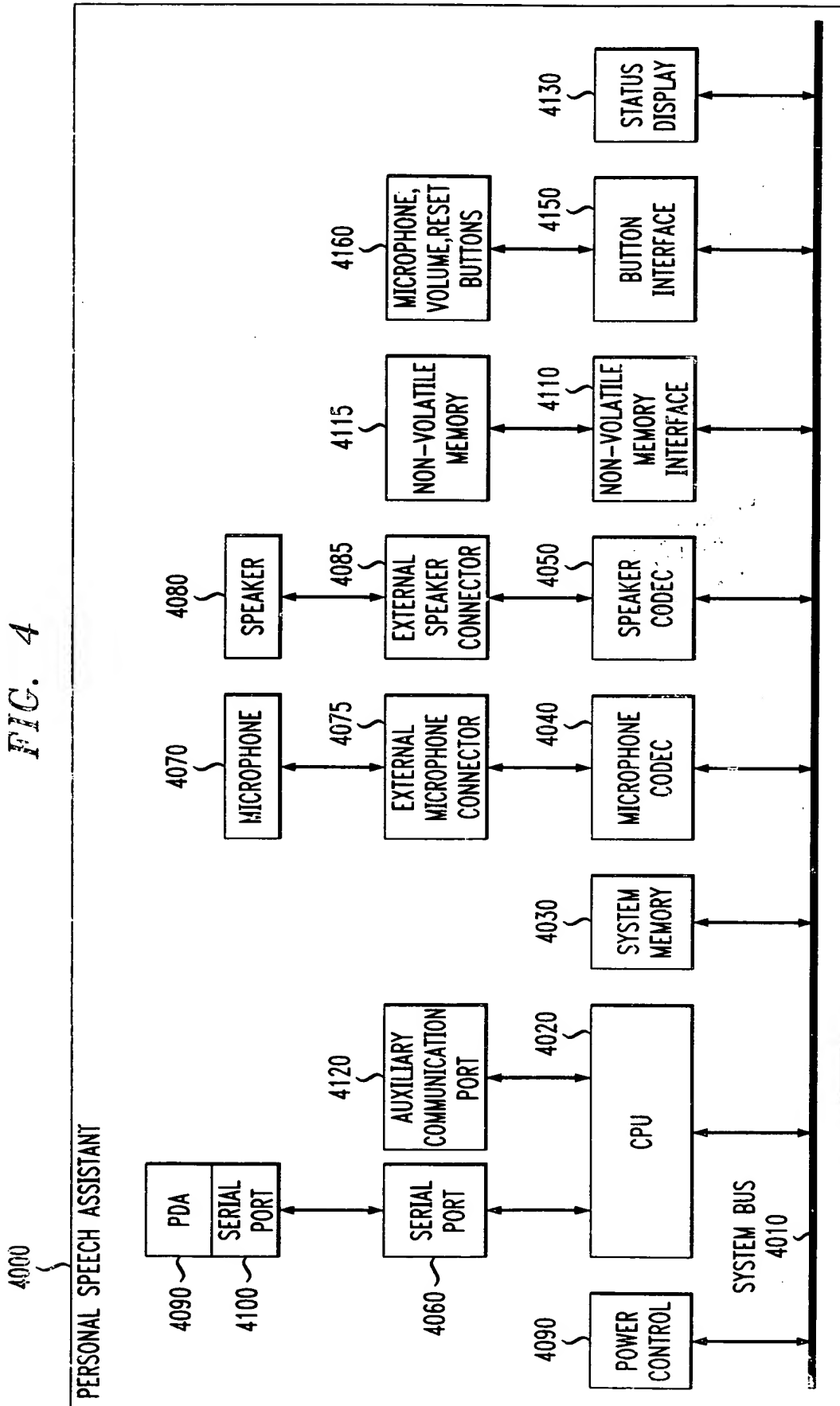
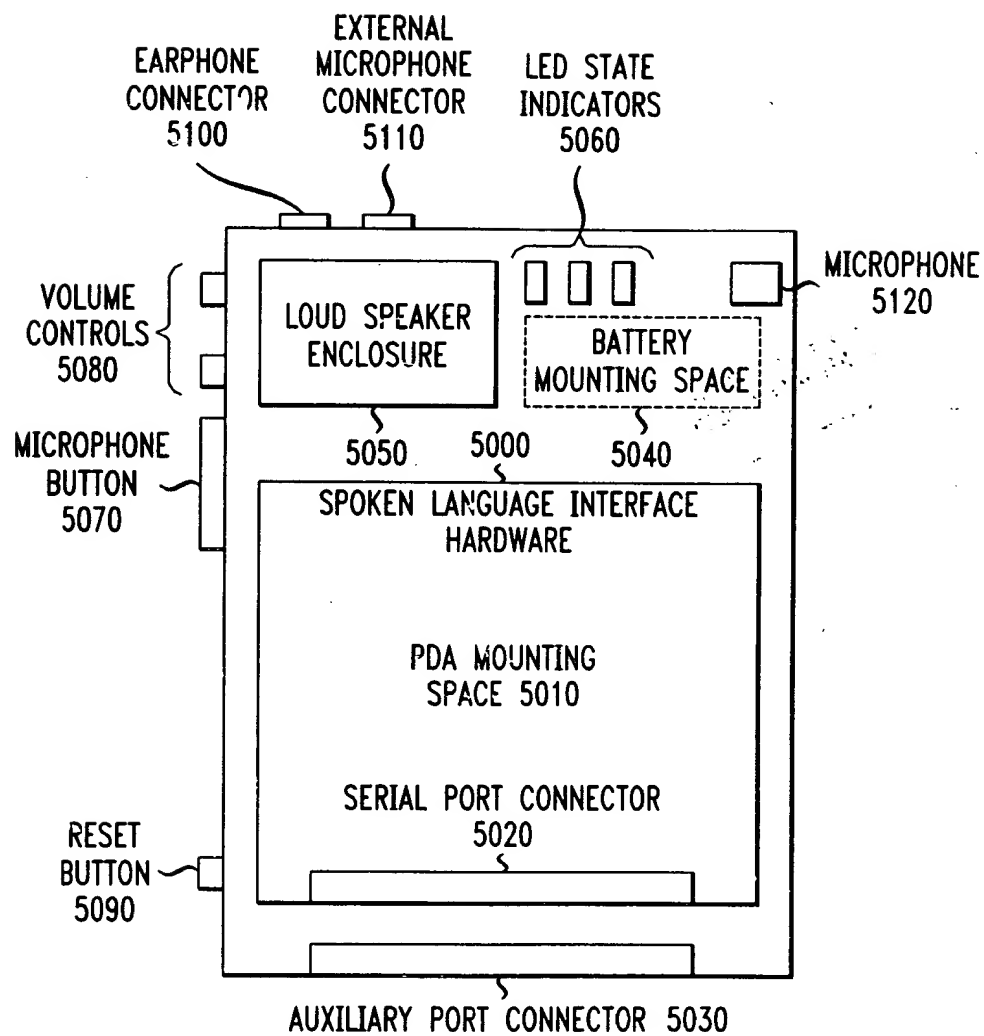


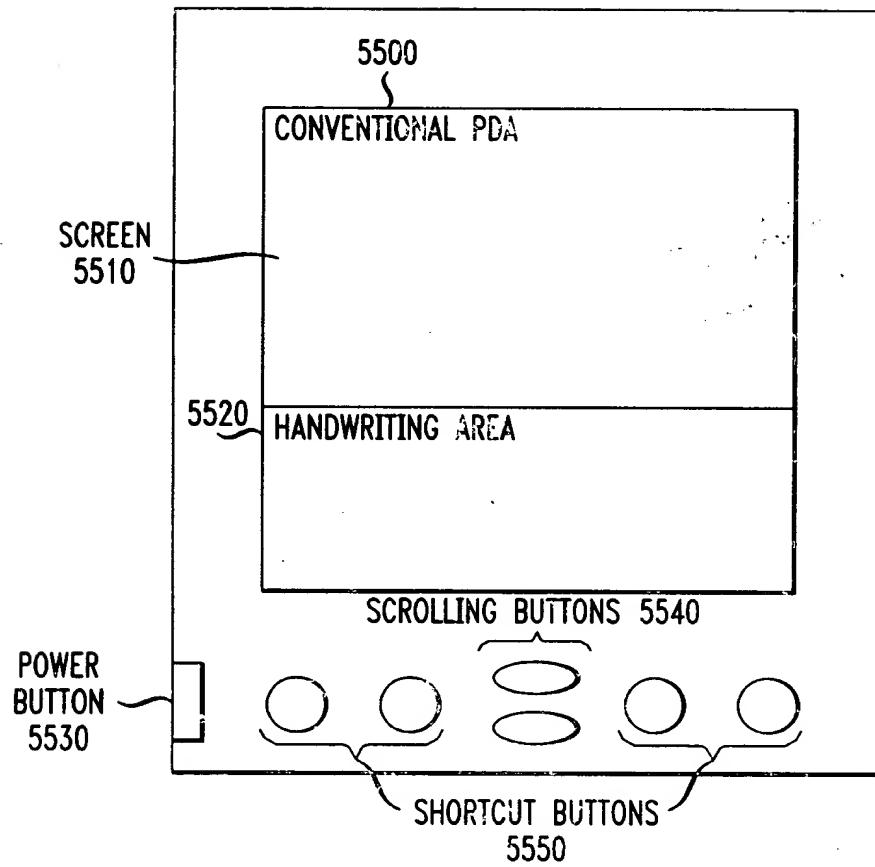
FIG. 4



*FIG. 5*



*FIG. 6*



*FIG. 7*

Globally Available Elements

[dialog\_manager]

root.voc

root.pmt

hardware\_default.prf

[application\_launch]

launch.voc

Registered Applications

[address\_book]

addVappl.voc

addVappl.pmt

addres.prf

[memo\_editor]

memVappl.voc

memVappl.pmt

[date\_book]

datVappl.voc

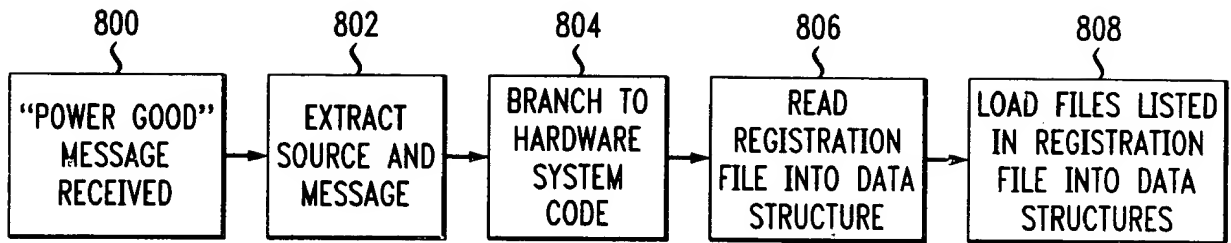
datVappl.pmt

dates.fsg

times.fsg



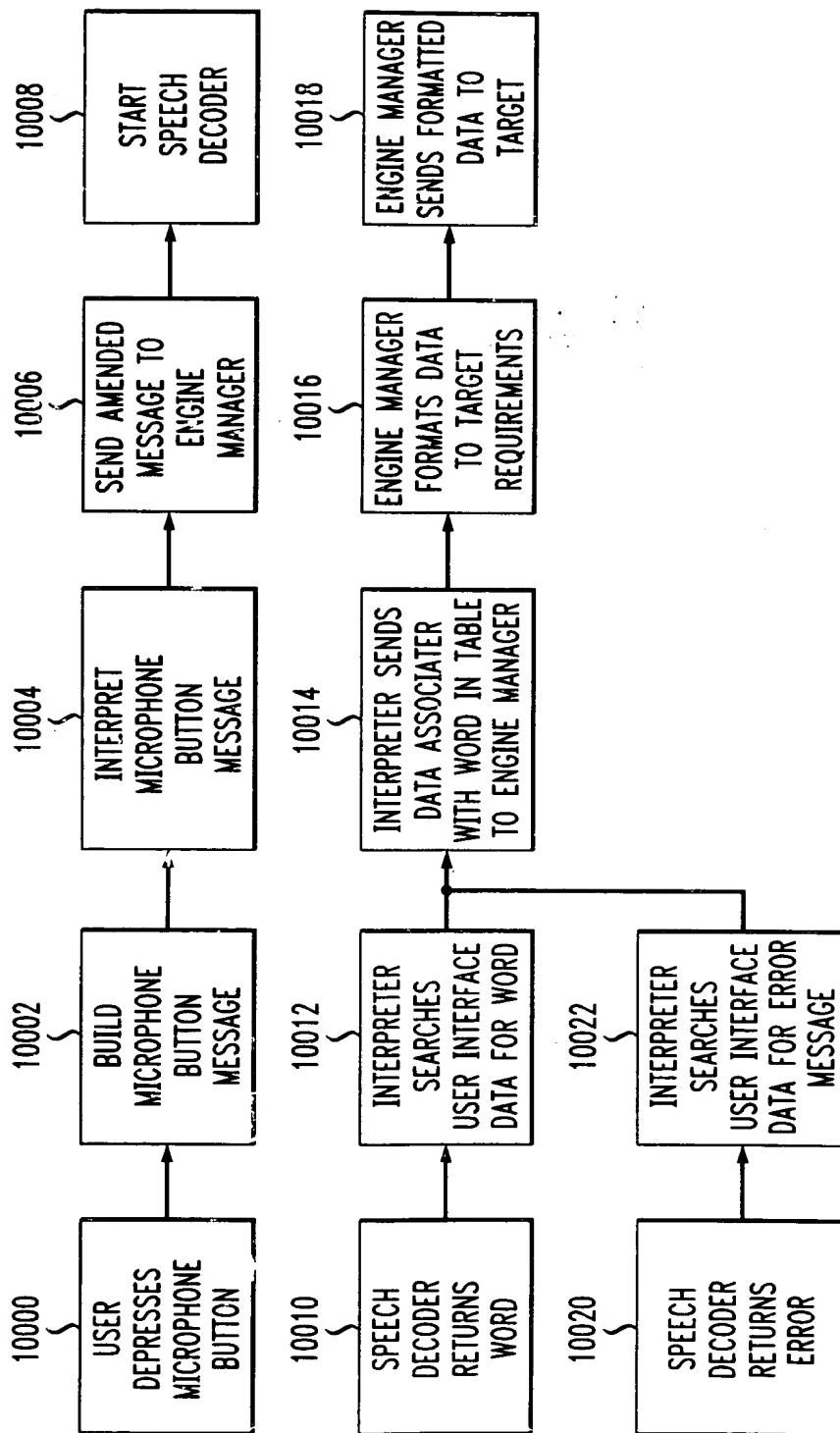
*FIG. 8*



*FIG. 9*

mic_type	1
enable_shutdown	0
power_time_out	120000
shut_down_beep	1
echo_commands	0
prompt_on_not_recognized	1
prompt_on_low_spoken_volume	1
start_up_gender	0
start_up_volume	85
start_up_speed	75
start_up_roughness	10
start_up_breathiness	10
start_up_headsize	40
start_up_pitchfluctuation	50
start_up_pitchbaseline	65
start_up_quality	100

FIG. 10



*FIG. 11A*

new	nw	null
scroll_up	su	10
scroll_down	sd	10
top	to	null
bottom	bo	null
next	nx	null
previous	pr	null
edit_entry	ed	null
done	ok	null
repeat	rp	1
list_all_entries	al	null
list_all_names	an	null
address_please	ad	null
address	ad	null
what_is_the_address	ad	null
continue	co	null
stop_reading	nop	x
find_homer_simpson	fi	simpson
find_Ed_Smith	fi	smith
find_David_Frank	fi	frank

*FIG. 11B*

```
typedef struct
{
    char*  command_target;
    char*  spoken_command[CMDMAX];
    char*  command_string[CMDMAX];
    char*  data_string[CMDMAX];
    short  array_length;
} COMMAND_VOCAB;
```

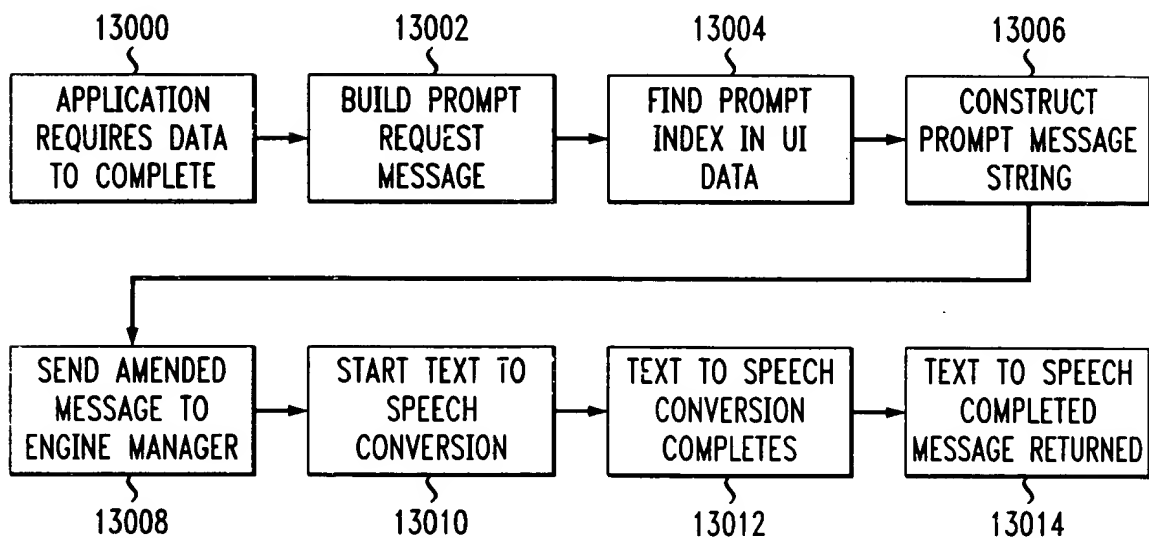
*FIG. 12A*

empty	the_list_is_empty
nomore	there_are_no_more_items
attop	you_are_at_the_top_of_the_list
emptyaddress	there_is_no_address_for_this_entry
noneselected	no_entry_selected
many	there_are_%1_people_named_%2_on_the_list

*FIG. 12B*

```
typedef struct
{
    char* index_string[PROMPTMAX];
    char* prompt[PROMPTMAX];
    short array_length;
} PROMPT_LIST;
```

*FIG. 13*



*FIG. 14A*

SCRIPT UI FILES ARE INDEX LISTS OF SCRIPTS

verify_user	python	{verify}
begin_dictation	python	{dictation}
dial_phone	python	{phone}
greetings	simple	{greet}
problems	inline	say "Houston, we have a problem!", Shutdown;

*FIG. 14B*

```

BOOL Verify_user()
{
    engine_manager.mic_button_means(user_verification_engine);
    text_to_speech.say("Please verify your identity by pressing the
                        microphone button and speaking your name.");
    ok = verification_engine.verify_user();
    engine_manager.mic_button_means(command_recognition_engine);
    return(ok);
}
    
```

*FIG. 15*

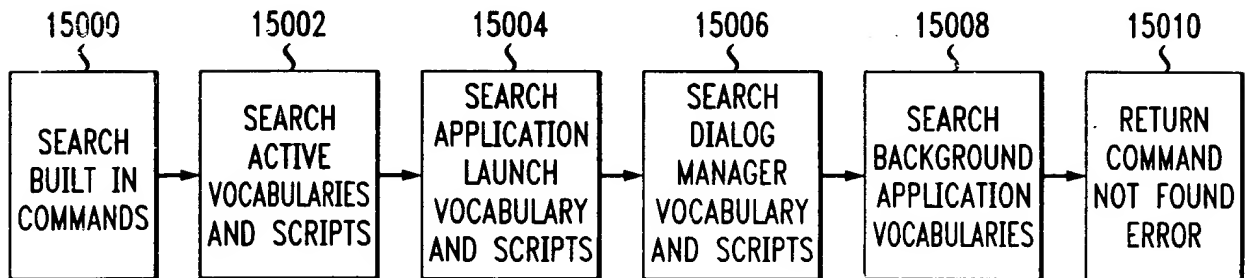
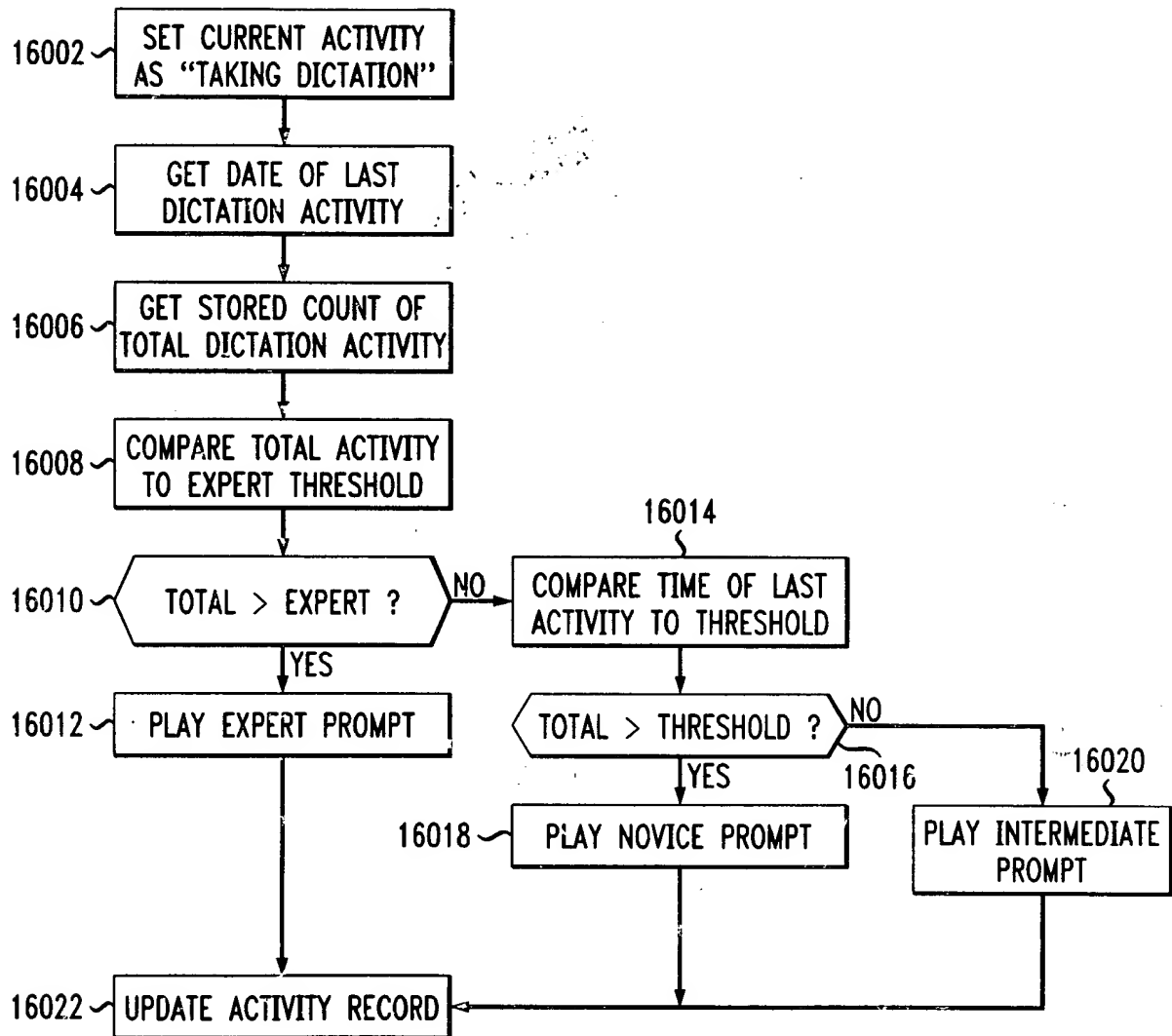
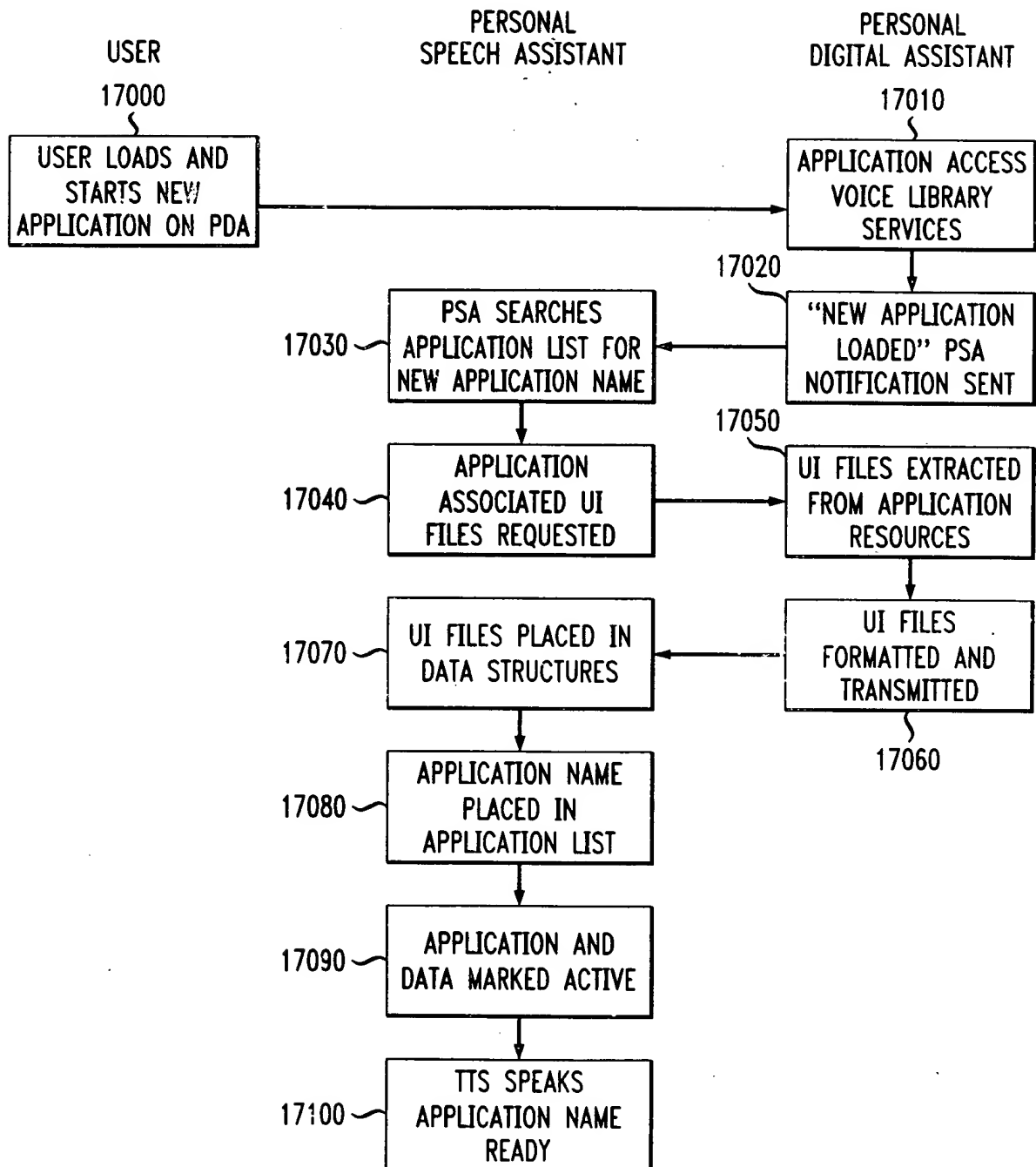


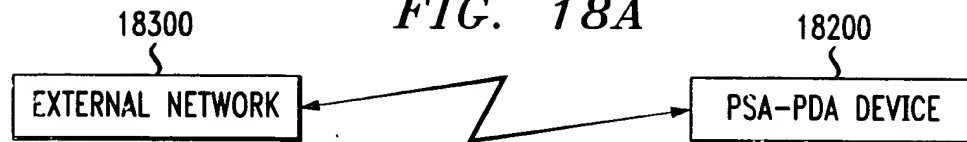
FIG. 16



*FIG. 17*



*FIG. 18A*



*FIG. 18B*

